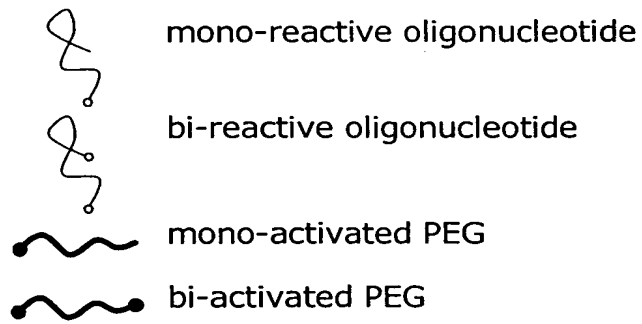
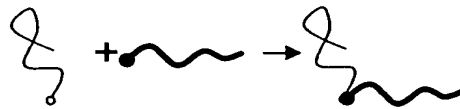


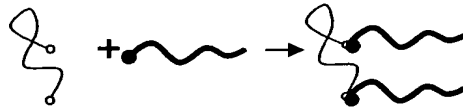
Figure 1



standard PEGylation



multiple PEGylation



dimerization via PEGylation

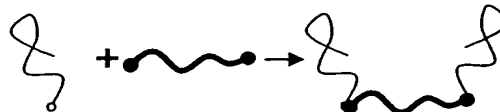


Figure 2

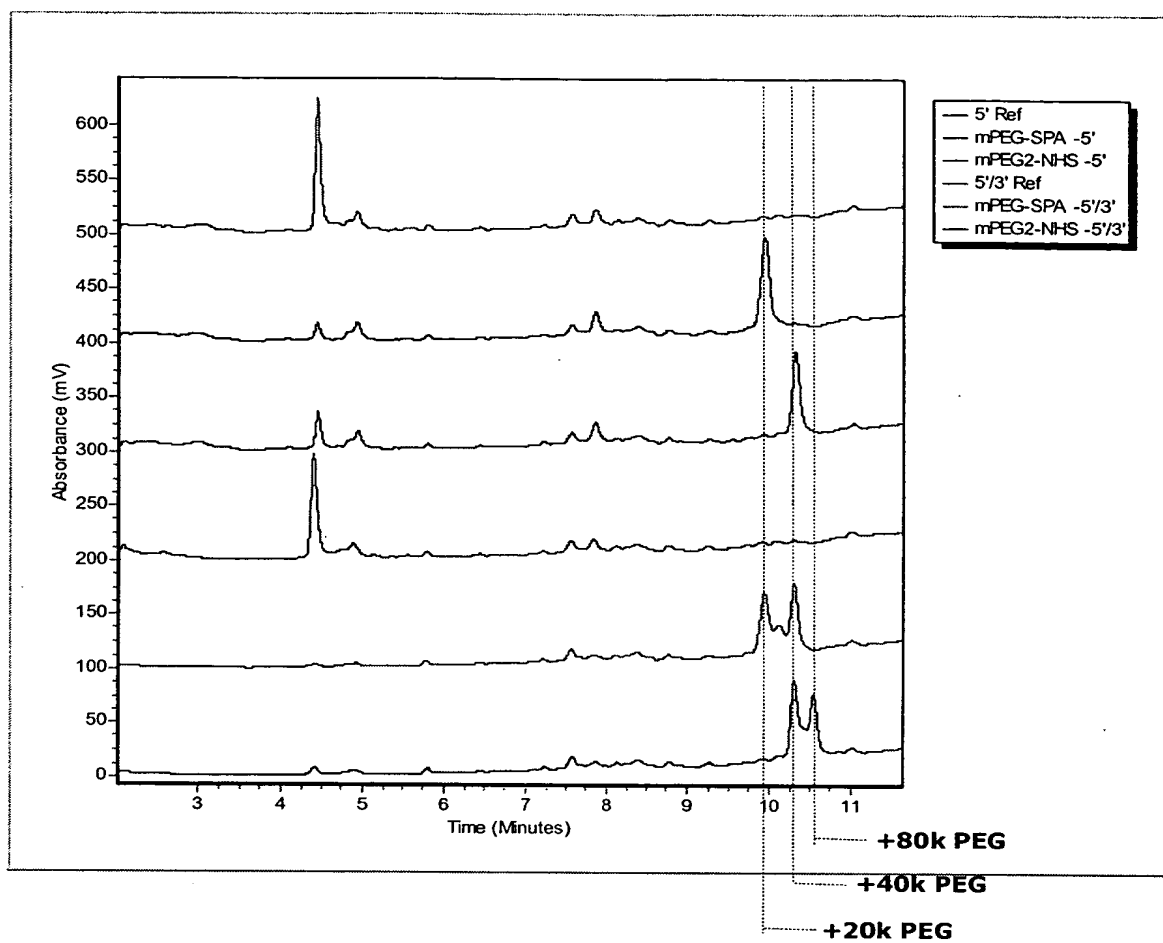


Figure 3

SEQ ID NO:4

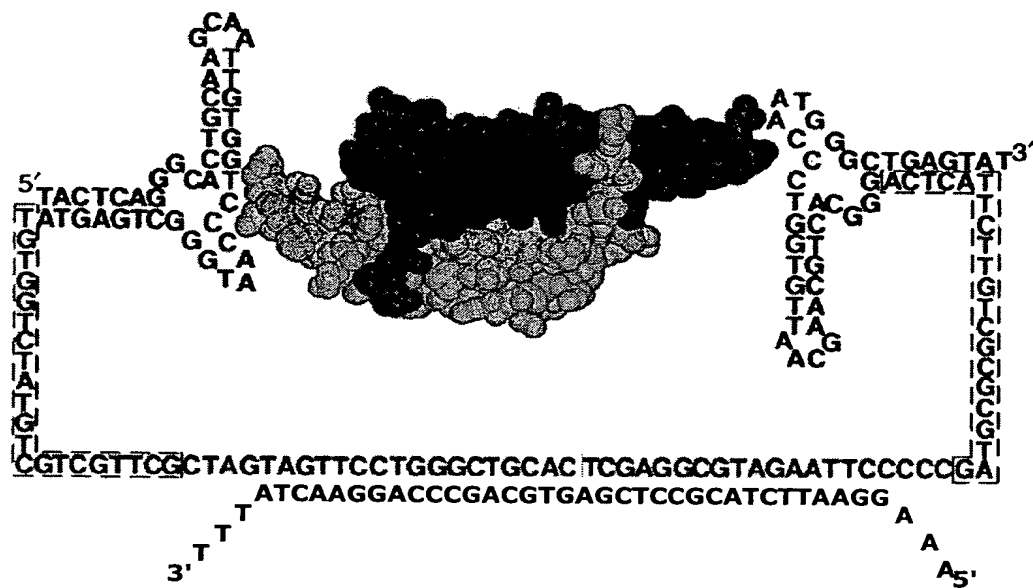


Figure 4A

SEQ ID NO:3

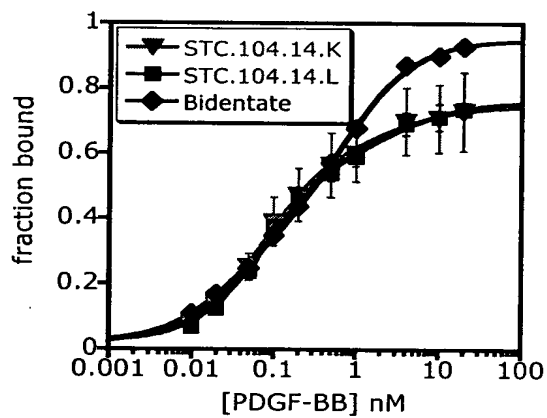
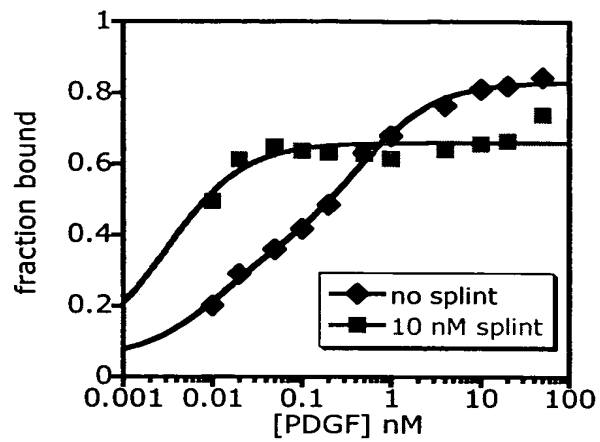
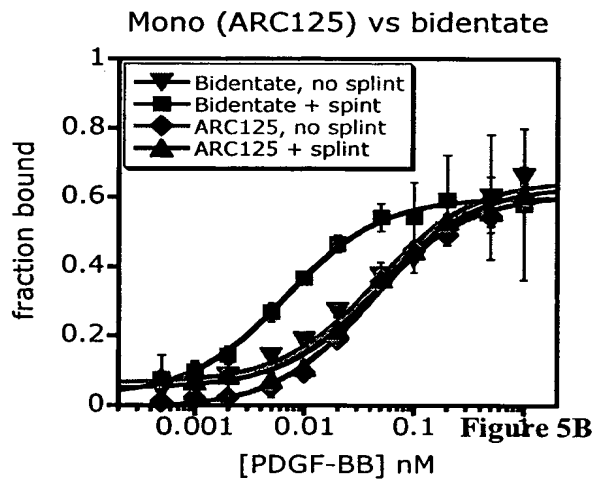


Figure 4B



Aptamer	K_{D1} (pM)	K_{D2} (pM)
no splint	11 (30%)	460 (45%)
10 nM splint	<10 (60%)	N/A

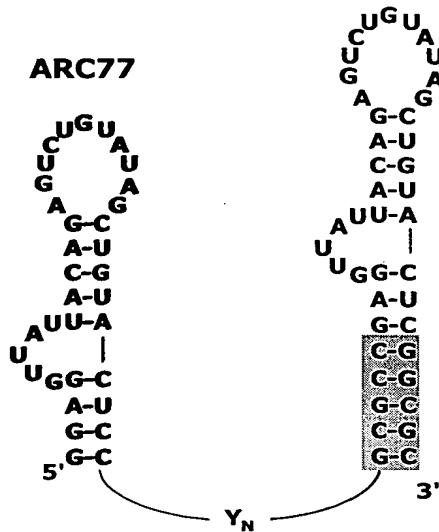
Figure 5A



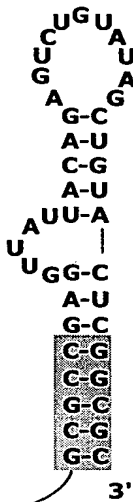
Aptamer	K_D (pM) no splint	K_D (pM) + splint
Bidentate	47 ± 9	7 ± 2
ARC125	40 ± 1	49 ± 8

Figure 5B

SEQ ID NO. 12



SEQ ID NO. 13



N	sequence	SEQ ID NO.
5	UUUUU	6
10	UU UCCU UUUU	7
20	UU (UCCU) ₃ CUUUUU	8
30	UU (UCCU) ₆ UUUU	9
40	U (UCCU) ₈ UCUUUUU	10
50	U (UCCU) ₃ UU (UCCU) ₇ UC (U) ₅	11

Figure 6

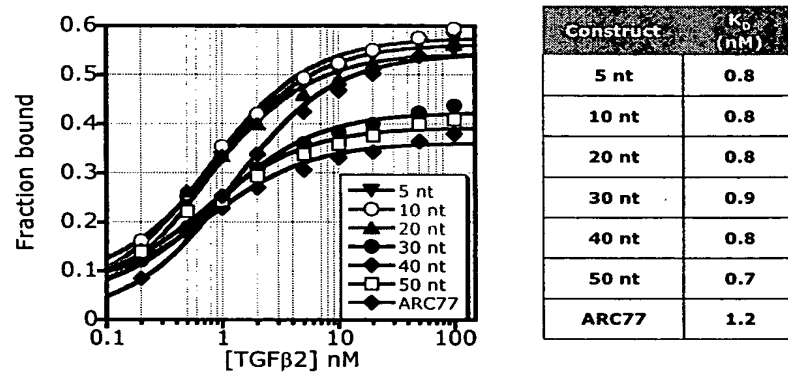


Figure 7A

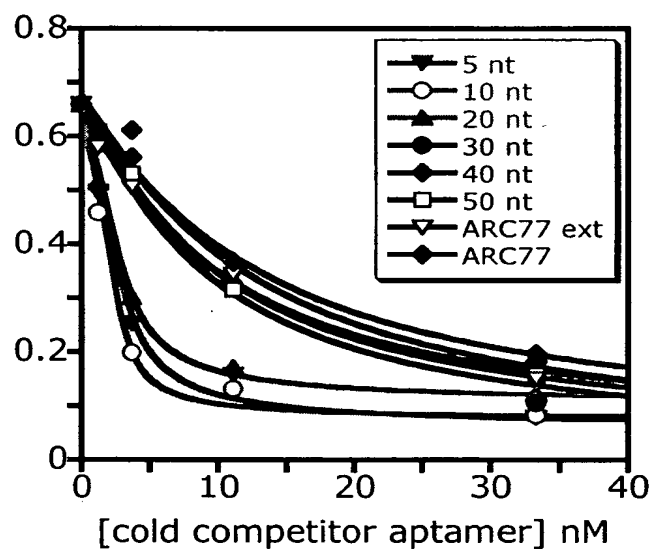


Figure 7B